

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E13854

Employer : WA State Health Care Authority

Worksite : Cherry St. Bldg & Town Square

Street : 626 8th Ave Se

Jurisdiction : City of Olympia

Survey Date : 5/30/2017

Survey Type : Online

Response Rate : 67%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 79.3%

Reported Total Employees at Worksite: 1,071

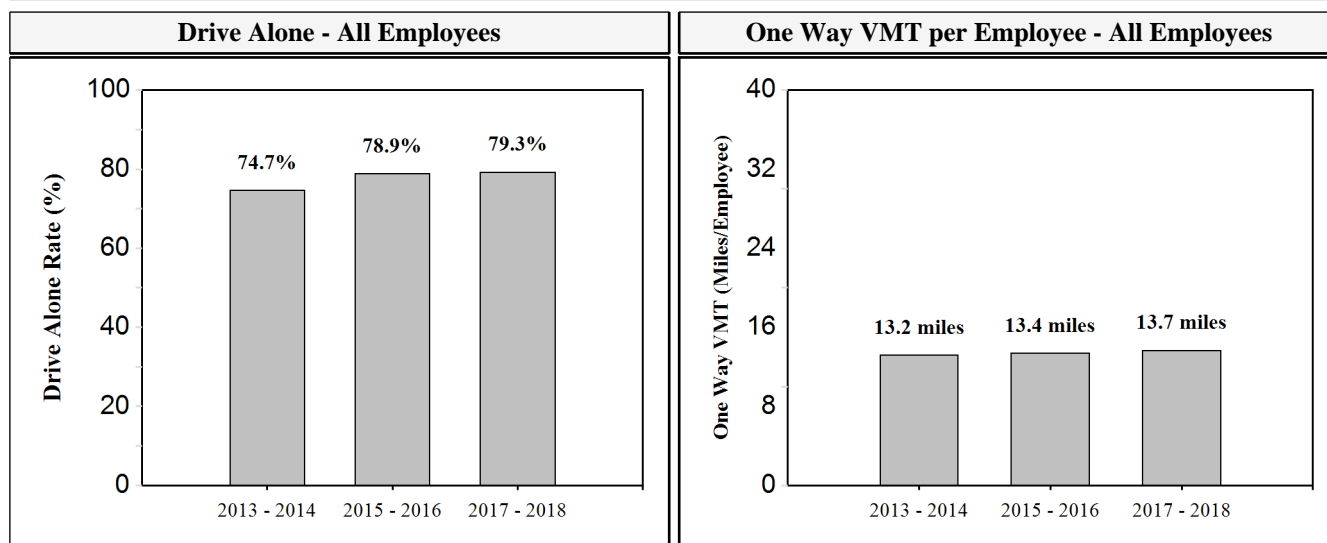
Surveys Distributed : 1,068

One-Way VMT per employee : 13.7

Surveys Returned : 712

Surveys Returned by CTR Affected Employees : 701

Total Estimated CTR - Affected Employees at Worksite : 1,052



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A
2013 - 2014	74.7%	74.6%	13.2	13.2
2015 - 2016	78.9%	78.9%	13.4	13.4
2017 - 2018	79.3%	79.5%	13.7	13.7
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	6.2%	6.6%	3.8%	3.8%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2013 - 2014	2015 - 2016	2017 - 2018	2017 - 2018 Without Fill In
Drive Alone - All Employees*	74.7%	78.9%	79.3%	78.3%
Drive Alone - CTR Affected Employees*	74.6%	78.9%	79.5%	78.5%
VMT/Employee - All Employees	13.2	13.4	13.7	13.6
VMT/Employees - CTR Affected Employees	13.2	13.4	13.7	13.6

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2013 - 2014	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	1,847	2,180	2,073
Estimated Emissions for Total Employment	2,590	3,018	3,118

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2013 - 2014	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	217,933	226,752	215,855
Bus Annual Passenger Miles - Surveyed Employees	155,400	163,800	143,500
Ferry Annual Passenger Miles - Estimated for Total Employment	21,036	6,645	2,106
Ferry Annual Passenger Miles - Surveyed Employees	15,000	4,800	1,400
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	841	4,153	9,777
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	600	3,000	6,500

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

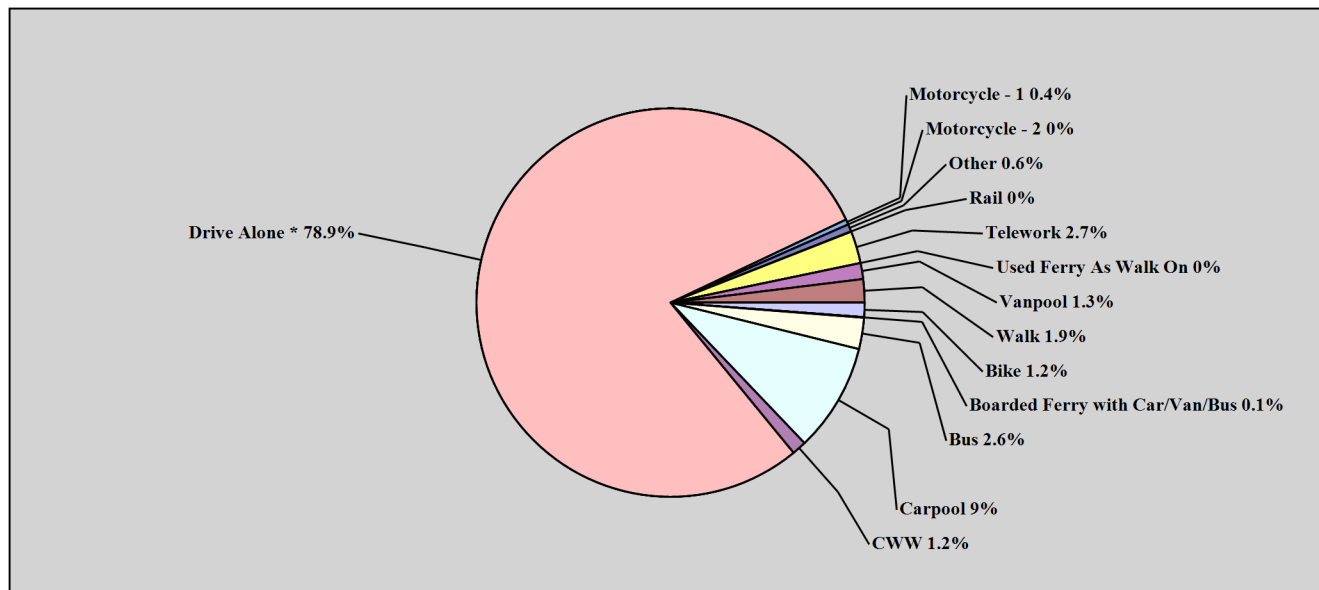
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 17.1 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



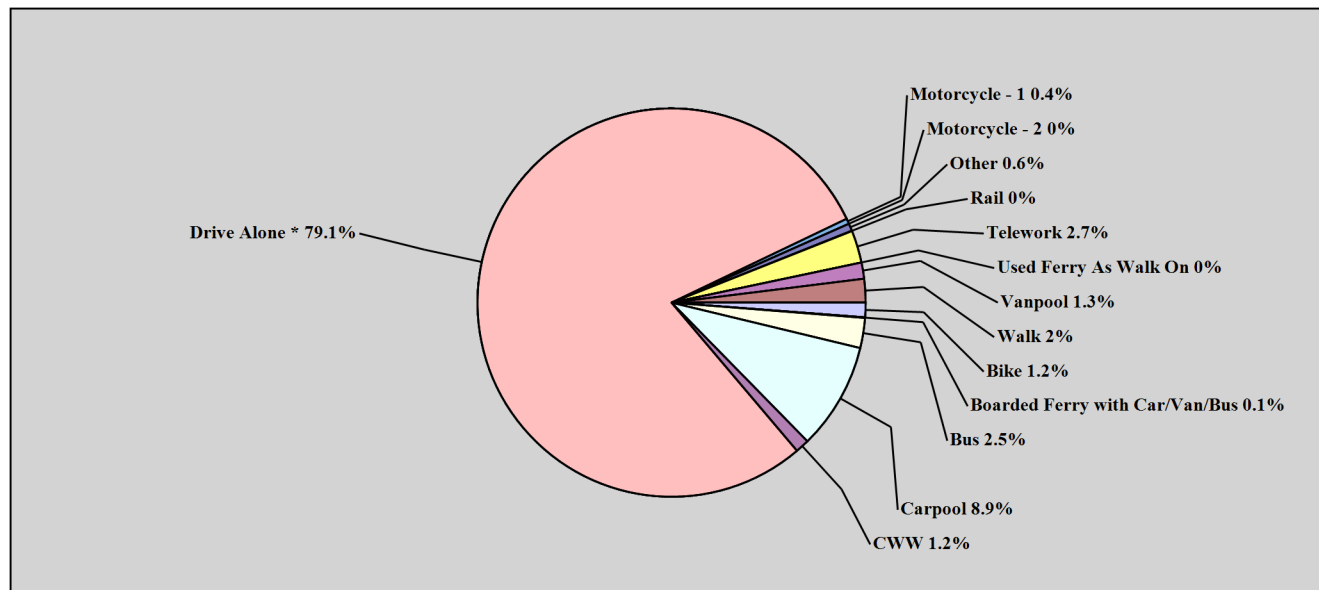
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,849	78.9%	78.3%	600	84.3%	85.2%
Carpool	326	9.0%	10.2%	97	13.6%	13.4%
Vanpool	48	1.3%	1.3%	13	1.8%	1.6%
Motorcycle - 1	16	0.4%	0.5%	5	0.7%	0.9%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.4%
Bus	94	2.6%	2.5%	29	4.1%	3.3%
Rail	1	0.0%	0.0%	1	0.1%	0.1%
Bike	43	1.2%	1.0%	15	2.1%	1.8%
Walk	70	1.9%	1.9%	21	2.9%	2.4%
Telework	97	2.7%	1.8%	63	8.8%	5.3%
CWW	43	1.2%	1.1%	35	4.9%	5.4%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.1%	1	0.1%	0.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.1%
Other	22	0.6%	1.1%	14	2.0%	1.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,817	79.1%	78.3%	592	84.5%	85.2%
Carpool	317	8.9%	10.2%	94	13.4%	13.5%
Vanpool	48	1.3%	1.4%	13	1.9%	1.7%
Motorcycle - 1	16	0.4%	0.6%	5	0.7%	0.9%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.4%
Bus	89	2.5%	2.4%	27	3.9%	3.1%
Rail	1	0.0%	0.0%	1	0.1%	0.1%
Bike	43	1.2%	1.0%	15	2.1%	1.8%
Walk	70	2.0%	1.9%	21	3.0%	2.5%
Telework	96	2.7%	1.9%	62	8.8%	5.4%
CWW	41	1.2%	1.1%	33	4.7%	5.4%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.1%	1	0.1%	0.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.1%
Other	22	0.6%	1.1%	14	2.0%	1.8%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	475	67%	712	100%
1 Days	71	10%	237	33%
2 Days	30	4%	166	23%
3 Days	24	3%	136	19%
4 Days	26	4%	112	16%
5 Days	79	11%	86	12%
6 or More Days	7	1%	7	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	344	64.5%	72	13.5%	11	2.1%	47	8.8%	0	0%	6	1.1%	17	3.2%	1	0.2%	98	18.4%
4 days a week (4/10s)	3	4.5%	48	71.6%	3	4.5%	4	6%	0	0%	0	0%	0	0%	1	1.5%	15	22.4%
3 days a week	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
9 days in 2 weeks (9/80)	55	50.5%	28	25.7%	1	0.9%	8	7.3%	0	0%	4	3.7%	2	1.8%	0	0%	20	18.3%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	1	50%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	2	100%

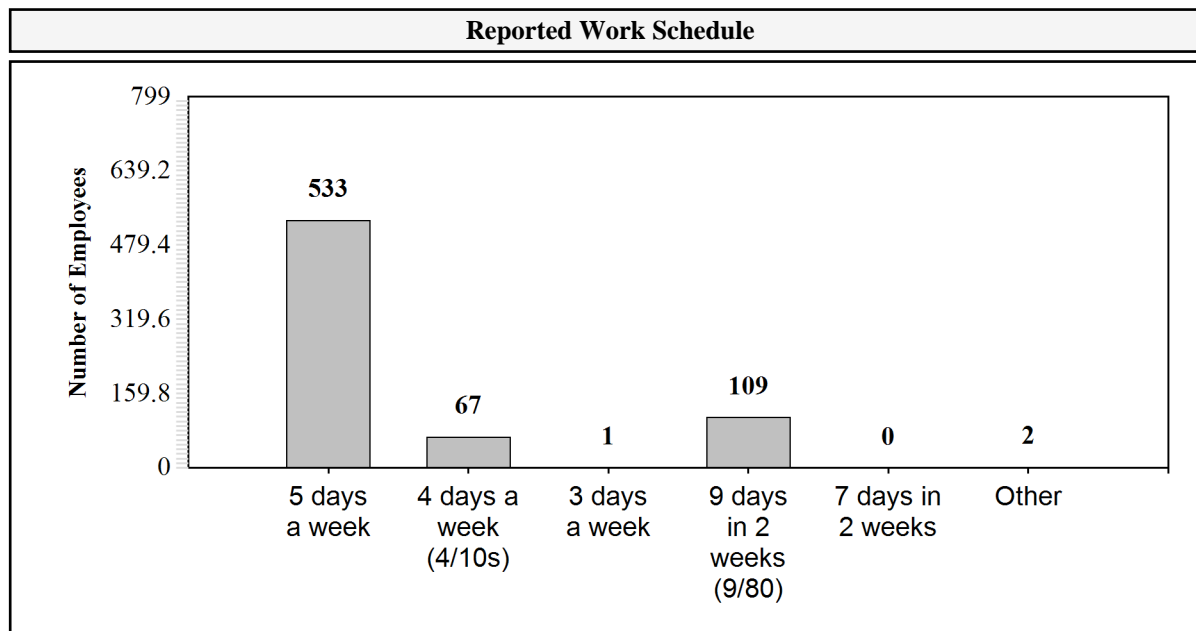
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	16
2	Motorcycle	0
2	Carpool	316
3	Carpool	9
4	Carpool	1
5	Carpool	0
>5	Carpool	0
<5	Vanpool	11
5	Vanpool	10
6	Vanpool	10
7	Vanpool	5
8	Vanpool	3
9	Vanpool	5
10	Vanpool	4
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

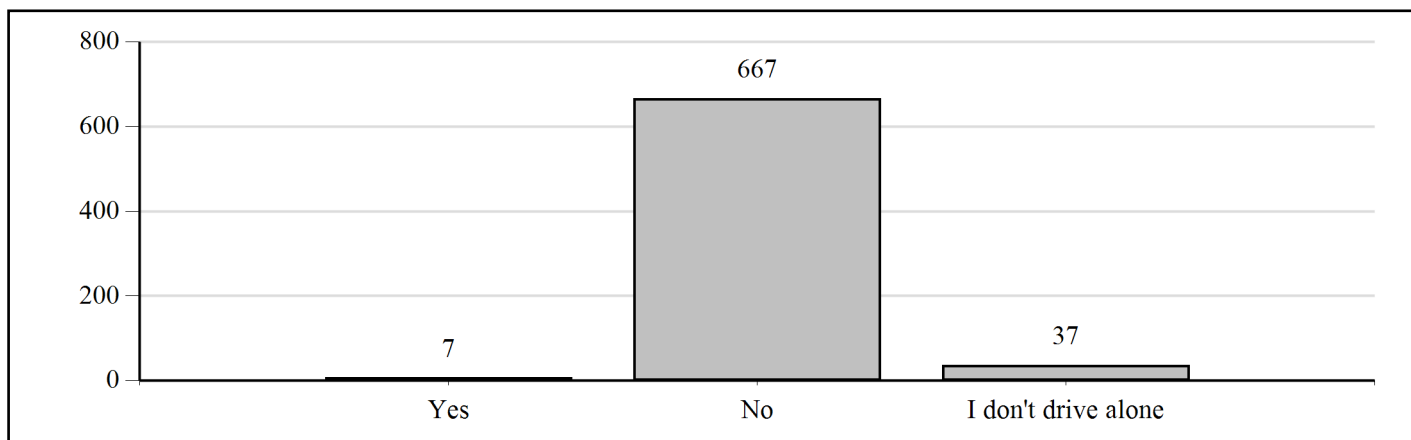
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	533	74.9%
4 days a week (4/10s)	67	9.4%
3 days a week	1	0.1%
9 days in 2 weeks (9/80)	109	15.3%
7 days in 2 weeks	0	0%
Other	2	0.3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.1%
I don't telework	510	71.6%
Occasionally, on an as-needed basis	128	18.0%
1-2 days/month	14	2.0%
1 day/week	31	4.4%
2 days/week	18	2.5%
3 days/week	10	1.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	220	17.4%
Financial incentives for carpooling, bicycling or walking.	201	15.9%
Personal health or well-being	162	12.8%
I have the option of teleworking	143	11.3%
Environmental and community benefits	120	9.5%
Other	111	8.8%
Free or subsidized bus, train, vanpool pass or fare benefit	110	8.7%
Driving myself is not an option	66	5.2%
Emergency ride home is provided	61	4.8%
Cost of parking or lack of parking	39	3.1%
I receive a financial incentive for giving up my parking space	12	1.0%
To save time using the HOV lane	8	0.6%
Preferred/reserved carpool/vanpool parking is provided	8	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	496	29.1%
Riding the bus or train is inconvenient or takes too long	372	21.8%
Family care or similar obligations	319	18.7%
Other	190	11.1%
My commute distance is too short	178	10.4%
Bicycling or walking isn't safe	81	4.8%
I need more information on alternative modes	37	2.2%
My job requires me to use my car for work	30	1.8%
There isn't any secure or covered bicycle parking	2	0.1%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	6	0	0	0	1	0	1	10
2	3	1	9	6	1	1	2	1	4	2
3	0	0	2	0	0	0	0	0	0	0
4	0	0	3	0	0	0	0	0	0	4
5	1	0	7	0	0	1	1	0	0	6
6	0	0	4	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	4	0	0	0	0	0	0	1
9	0	0	1	0	0	0	0	0	0	0
10	0	0	4	0	0	0	0	0	0	0
11 or more	0	0	3	0	0	0	0	0	0	0
# Of Employees using Transit	6	1	43	7	1	2	4	1	5	23
Total One-Way Transit Trips Per Week	13	2	225	18	2	7	10	2	9	68

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	6	0	0	0	1	0	1	10
2	3	1	9	6	1	1	2	1	4	2
3	0	0	2	0	0	0	0	0	0	0
4	0	0	3	0	0	0	0	0	0	4
5	1	0	7	0	0	1	1	0	0	6
6	0	0	2	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	4	0	0	0	0	0	0	1
9	0	0	1	0	0	0	0	0	0	0
10	0	0	4	0	0	0	0	0	0	0
11 or more	0	0	3	0	0	0	0	0	0	0
# Of Employees using Transit	6	1	41	7	1	2	4	1	5	23
Total One-Way Transit Trips Per Week	13	2	213	18	2	7	10	2	9	68

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98001	1	0.14%	0	0	0	0	5	0	0	0	0	0	0	0	0
98005	1	0.14%	0	0	4	0	0	0	0	0	0	0	0	0	0
98010	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.14%	0	0	5	0	0	0	0	0	0	0	0	0	0
98023	2	0.28%	9	0	0	0	0	0	0	0	1	0	0	0	0
98026	1	0.14%	3	1	0	0	0	0	0	0	0	1	0	0	0
98030	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
98032	2	0.28%	10	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0	0
98047	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
98052	1	0.14%	3	0	2	0	0	0	0	0	0	0	0	0	0
98058	1	0.14%	4	0	0	0	0	0	0	0	0	1	0	0	0
98103	2	0.28%	0	1	3	0	0	0	0	0	6	0	0	0	0
98112	1	0.14%	4	0	0	0	0	1	0	0	0	0	0	0	0
98115	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
98117	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
98118	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0	0
98122	1	0.14%	1	0	3	0	0	0	0	0	0	0	0	0	1
98144	2	0.28%	6	0	2	0	0	0	0	0	2	0	0	0	0
98206	1	0.14%	3	0	0	0	0	0	0	0	1	1	0	0	0
98315	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98327	4	0.56%	20	0	0	0	0	0	0	0	0	0	0	0	0
98328	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.14%	0	0	0	0	4	0	0	0	0	0	0	0	0
98332	1	0.14%	0	0	5	0	0	0	0	0	0	0	0	0	0
98335	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0



98338	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98344	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0	0
98371	2	0.28%	1	0	0	0	3	0	0	0	0	0	0	0	0
98373	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98374	3	0.42%	15	0	0	0	0	0	0	0	0	0	0	0	0
98375	2	0.28%	9	0	0	0	0	0	0	0	1	0	0	0	0
98387	4	0.56%	14	0	0	0	0	0	0	0	0	4	0	0	0
98391	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
98402	1	0.14%	4	0	0	0	0	0	0	1	0	0	0	0	0
98404	3	0.42%	12	3	0	0	0	0	0	0	0	0	0	0	1
98405	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
98406	3	0.42%	8	0	5	0	0	0	0	0	0	0	0	0	0
98407	4	0.56%	18	0	0	0	0	0	0	0	0	0	0	0	0
98408	3	0.42%	9	0	0	0	0	0	0	0	1	0	0	0	0
98418	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98422	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
98424	1	0.14%	0	0	0	0	4	0	0	0	0	0	0	0	0
98444	2	0.28%	4	0	0	0	5	0	0	0	1	0	0	0	0
98445	3	0.42%	12	0	0	0	0	0	0	0	2	1	0	0	0
98466	2	0.28%	10	0	0	0	0	0	0	0	0	0	0	0	0
98467	7	0.98%	26	0	5	0	0	0	0	0	0	1	0	0	0
98498	4	0.56%	19	0	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
98501	109	15.31%	405	18	0	10	23	0	11	35	20	1	2	0	6
98502	80	11.24%	288	43	0	0	16	0	9	18	10	11	0	0	3
98503	58	8.15%	231	26	1	2	10	0	2	0	4	2	0	0	4
98506	45	6.32%	165	14	0	0	7	0	13	16	2	1	0	0	1
98507	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98512	76	10.67%	294	49	0	2	1	0	8	0	2	2	0	0	0
98513	67	9.41%	264	44	0	2	11	0	0	0	9	4	0	0	0
98514	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98516	30	4.21%	128	15	0	0	0	0	0	0	1	4	0	0	0
98520	2	0.28%	9	0	0	0	0	0	0	0	0	0	0	0	0
98528	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98530	2	0.28%	3	3	0	0	0	0	0	0	2	0	0	0	0



98531	10	1.40%	29	18	0	0	0	0	0	0	0	1	0	0	0
98532	19	2.67%	76	15	0	0	0	0	0	0	2	0	0	0	0
98541	5	0.70%	21	0	3	0	0	0	0	0	0	0	0	0	0
98542	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98546	2	0.28%	8	0	0	0	0	0	0	0	0	0	0	0	0
98557	2	0.28%	5	4	0	0	0	0	0	0	0	0	0	0	0
98559	2	0.28%	5	0	5	0	0	0	0	0	0	0	0	0	0
98562	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
98563	3	0.42%	8	5	0	0	0	0	0	0	1	0	0	0	0
98565	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98572	1	0.14%	2	0	0	0	0	0	0	0	2	1	0	0	0
98576	11	1.54%	52	0	0	0	0	0	0	0	0	1	0	0	1
98579	26	3.65%	86	27	0	0	0	0	0	0	3	0	0	0	1
98580	3	0.42%	15	0	0	0	0	0	0	0	0	0	0	0	0
98584	32	4.49%	123	19	0	0	5	0	0	0	3	3	0	0	0
98589	11	1.54%	36	4	5	0	0	0	0	0	2	0	0	0	4
98591	1	0.14%	0	5	0	0	0	0	0	0	0	0	0	0	0
98596	1	0.14%	4	0	0	0	0	0	0	0	0	1	0	0	0
98597	17	2.39%	64	11	0	0	0	0	0	0	5	0	0	0	0
98632	2	0.28%	8	0	0	0	0	0	0	0	0	1	0	0	0
98665	1	0.14%	0	1	0	0	0	0	0	0	3	1	0	0	0
98682	1	0.14%	3	0	0	0	0	0	0	0	1	0	0	0	0